

5 **COLLOIDAL SOLUTIONS AND NANOCOMPOSITES OF ELECTRIDES AND ALKALIDES
AND METHODS OF USE**

Abstract of the Disclosure

10 A colloidal solution and / or nanocomposite having enhanced energy transfer between thermal,
electron, phonons, and photons energy states. The composition comprises a synergistic blend of
electrides and alkalides within a medium that effectively alters the mean free path. The composition is
optionally further enhanced through externally generated fields and made into energy conversion devices.